

CLAIMS

BS Sub #1
1. An electronic endoscope system including a scope having
a solid image sensor provided at a distal end thereof to generate
5 image-pixel signals, an image-signal processing unit that produces
a video signal based on the image-pixel signals, and a monitor for
reproducing and displaying an endoscope-image in accordance with
the video signal output from said image-signal processing unit,
said system comprising:

10 a scene-changing system that changes a scene on said
monitor between an endoscope-image-display scene and a patient-
data-list-display scene;

a storage system that stores patient data forming a patient
data list which is displayed on said monitor when the scene on said
15 monitor is changed from said endoscope-image-display scene to said
patient-data-list-display scene by said scene-changing system;

a selection system that selects individual patient data
from said patient data list displayed on said monitor; and

a display-control system that displays said selected
20 individual patient data together with the endoscope-image on said
monitor when the scene on said monitor is changed from said patient-
data-list-display scene to said endoscope-image-display scene by
said scene-changing system.

2. An electronic endoscope system as set forth in claim
25 1, further comprising an editing system that edits the patient

data, forming the patient data list, stored in said storage system.

3. An electronic endoscope system as set forth in claim 1, wherein the production of the video signal is performed by said image-signal processing unit such that as much patient information
5 as possible is included in said patient data list to be displayed on the TV monitor when the scene on said monitor is changed from said endoscope-image-display scene to said patient-data-list-display scene by said scene-changing system.

4. An electronic endoscope system as set forth in claim
10 1, further comprising:

a clock-pulse generator that produces first and second series of clock pulses, having different frequencies, such that the video signal is output from said image-signal processing unit to said monitor in accordance with either of said series of clock
15 pulses, said first series of clock pulses having a higher frequency than that of said second series of clock pulses;

a clock-pulse-selection system that selects either said first or second series of clock pulses to be output from said clock-pulse generator in accordance with a number of image-pixel
20 signals obtained from said image sensor; and

a clock-pulse-selection-controller that controls said clock-pulse-selection system such that said first series of clock pulses having the higher frequency is forcibly output from said clock-pulse generator whenever the scene on said monitor is changed
25 from said endoscope-image-display scene to said patient-data-

list-display scene by said scene-changing system.

5. An electronic endoscope system as set forth in claim 1, wherein said selection system includes:

an indicator system that visually indicates a patient data
5 to be selected from said patient data list;

a manual operation system that controls the indication of
the patient data to be selected from said patient data list; and

a manual settlement system that manually settles the
indication of the patient data to be selected from said patient
10 data list.

6. An electronic endoscope system as set forth in claim 5, wherein said selection system further includes:

an editing system that edits the patient data, forming the
patient list patient, stored in said storage system; and

15 a determination system that determines whether editing of
said patient data is performed by said editing system after an
activation of said manual settlement system, the editing of said
patient data being settled by an activation of said manual
settlement system when the performance of the editing of said
20 patient data is confirmed by said determination system.